Electrical Receptacle Connector - Page 1 of 2



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Thread Class:
2a and 2a
Thread Direction:
Right-hand and right-hand
Body Style:
Straight shape, external coupling
Overall Length:
Between 1.406 inches and 1.471 inches
Overall Diameter:
Between 1.850 inches and 1.870 inches
Environmental Protection:
Moisture proof and salt water resistant and shock proof and vibration proof
Distance From Mounting Shoulder To Front Face:
Between 0.894 inches and 0.906 inches
Mounting Facility Thickness:
0.125 inches
Threaded Device Type:
Back shell and mounting bushing
Mating End Quantity:
1
Contact Position Arrangement Style:
20-45 single mating end
Contact Removability:
Removable single mating end single contact grouping
Polarization Method:
Keyway or multiple keyway
Insert Position In Deg:
0.0
Shell Type:
Solid
Connector Locking Method:
Bayonet pin
Thready Qty Per Inch (tpi):
28 and 20
Thread Size:
1.250 inches and 1.375 inches
Terminal Location:
Back single mating end single contact grouping
Contact Material:
Copper alloy single mating end single contact grouping
Contact Surface Treatment:
Gold single mating end single contact grouping



### **Contact Surface Treatment Specification:**

Mil-g-45204, type 1 or type 2 military specification single treatment response single mating end single contact grouping

### **Terminal Type:**

Crimp single mating end single contact grouping

## Shell Material:

Aluminum alloy

# Shell Surface Treatment:

Cadmium and chromate

### Shell Surface Treatment Specification:

Qq-p-416, ty ii, cl 3 federal specification all treatment responses

### **Included Contact Quantity:**

45 single mating end single contact grouping

### **Bushing Accommodation Hole Shape:**

Round w/flat

**Included Contact Type:** 

Round socket single mating end single contact grouping

### **Precious Material And Location:**

Contact surfaces gold

**Precious Material And Weight:** 

0.045 gold grains, troy

Precious Material:

Gold

### Test Data Document:

81349-mil-c-81511 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

### Thread Series Designator:

Un and un

### **Specification Data:**

81349-mil-c-81511/23 government specification

### Shelf Life:

N/a

### Unit Of Measure:

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#### Demilitarization:

No

Fiig:

A039b0

### Mil-std (military Standard):

Mil-g-45204 spec.